Ma

KEY STAGE

LEVELS

Mathematics

Paper 2

Calculator **not** allowed

Day		Month		Year	
	Day	Day	Day Month	Day Month	Day Month Year



[BLANK PAGE]

Please do not write on this page.



Instructions

You may not use a calculator to answer any questions in this paper.

Work as quickly and as carefully as you can.

You have **45 minutes** for this test.

Ø

If you cannot do one of the questions, **go on to the next one**.

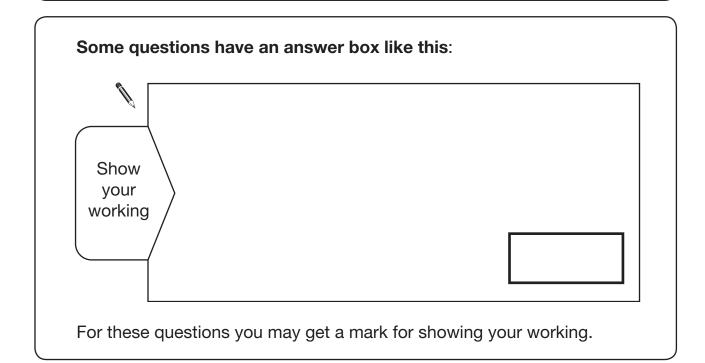
You can come back to it later, if you have time.

If you finish before the end, go back and check your work.

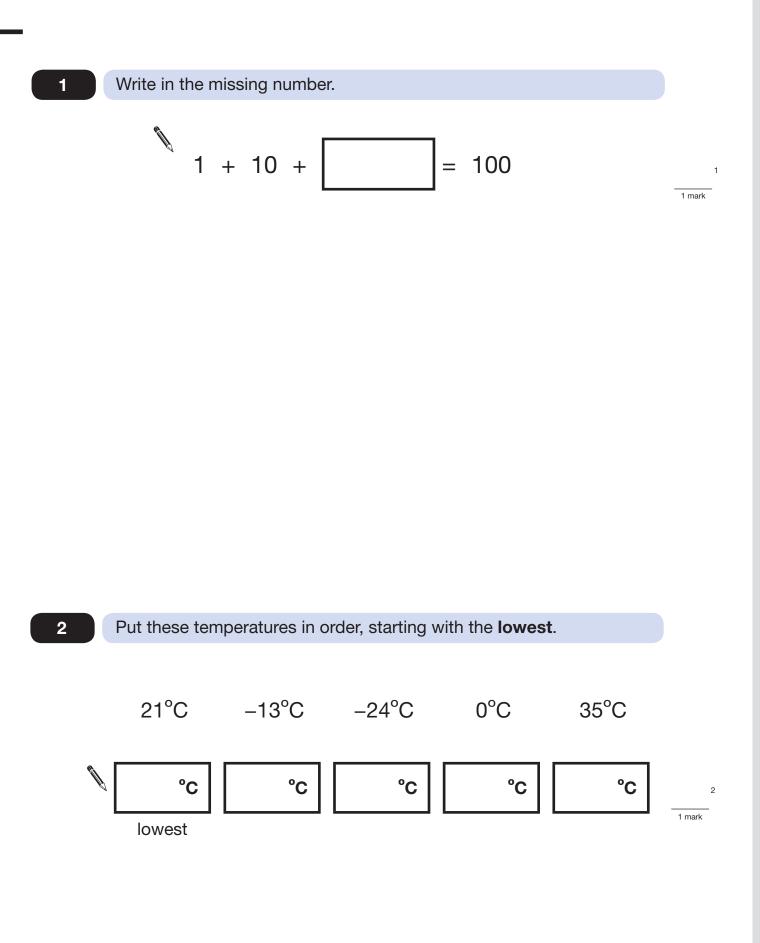
Follow the instructions for each question carefully.

This shows where you need to put the answer.

If you need to do working out, you can use any white space on a page. Do not write over any barcode.





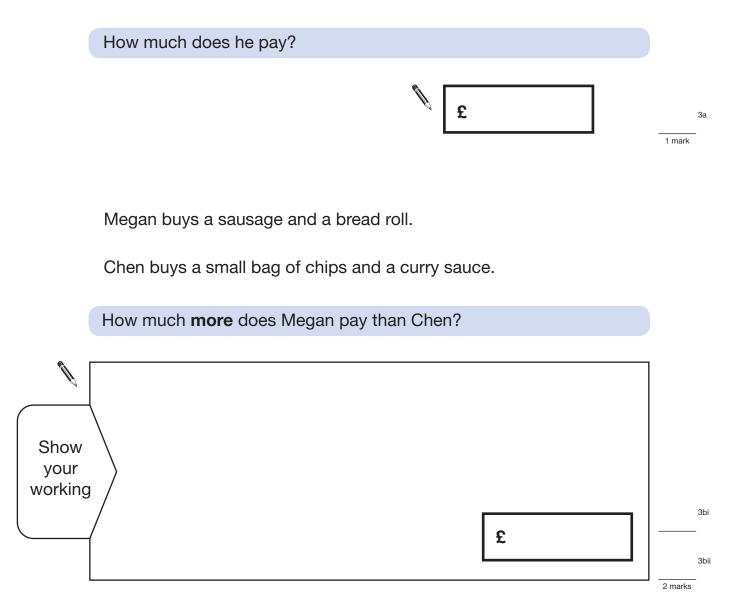




3

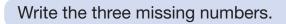
Fish	£2.30	Peas	35p
Sausage	£1.80	Curry sauce	40p
Chips (small bag)	60p	Bread roll	30p
Chips (large bag)	90p	Pickled onion	28p

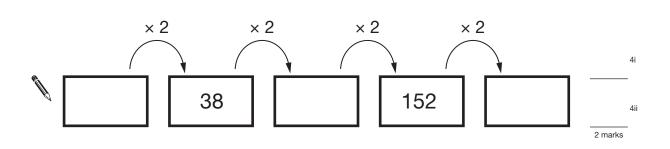
Alfie buys one fish, a large bag of chips and a pickled onion.





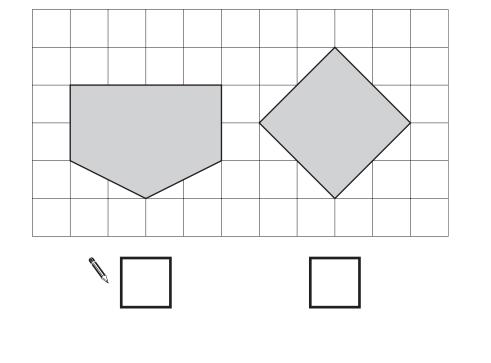
Here is a doubling sequence.





Here are two shapes on a square grid.

For each shape, write how many **right angles** it has.



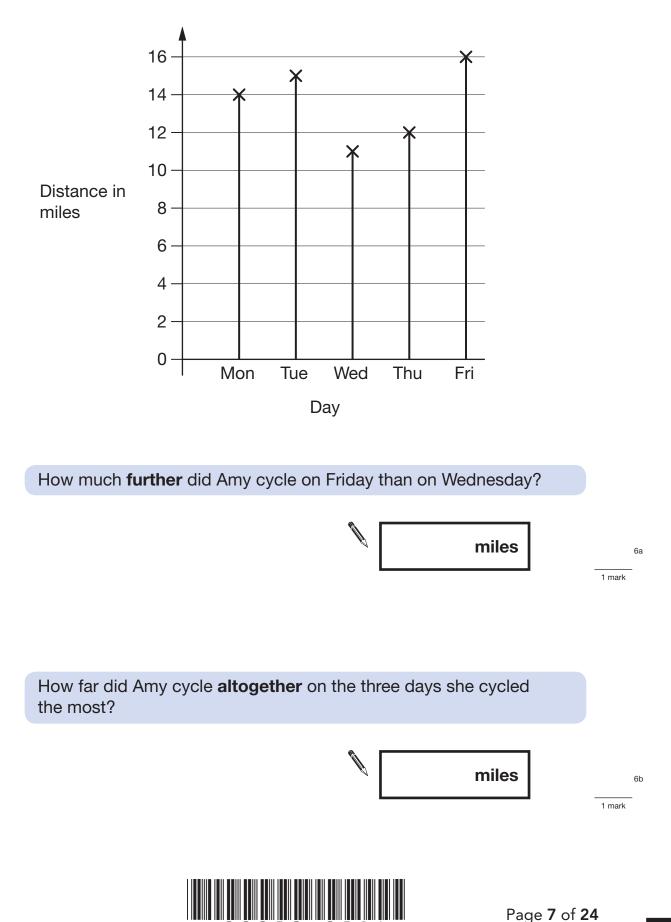
5

1 mark



Amy went on a cycling holiday.

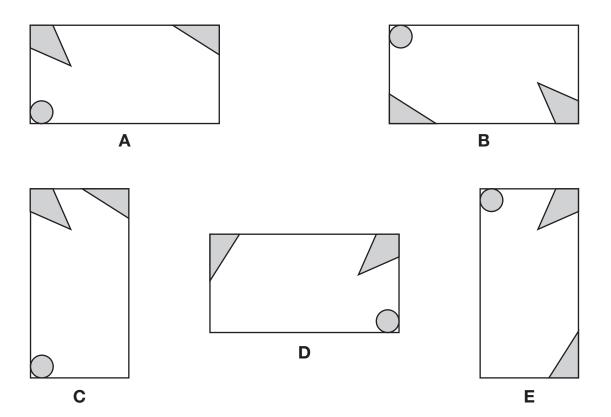
This chart shows how far she cycled each day.



Page 7 of 24



Here are five more rectangular tiles.



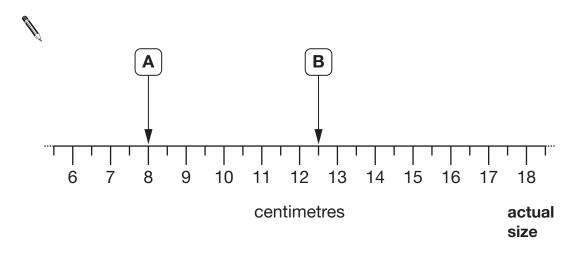
Write the letters of **all** the tiles that have the same design as Megan's tile.

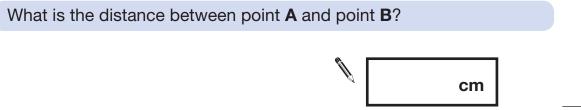


7i

7ii

2 marks





1 mark

8a

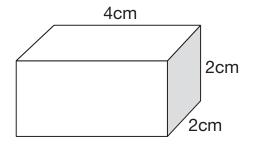
Point **C** is **twice as far** from point A as it is from point B.

On the scale above, mark one place where point C could be.

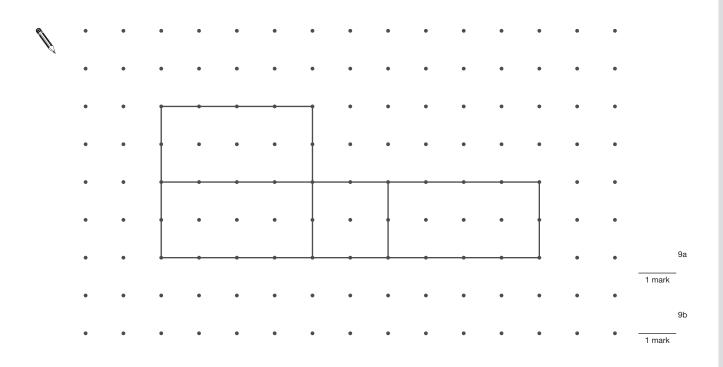
8b



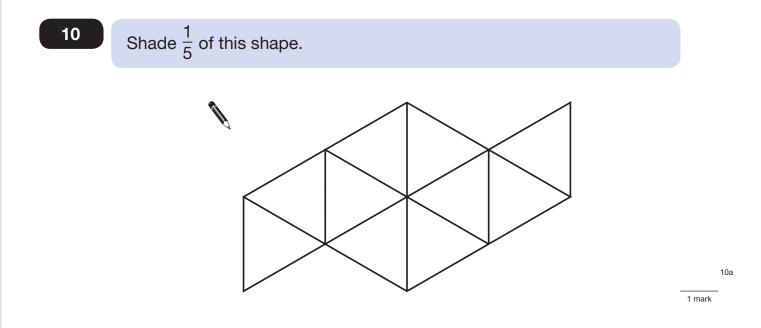
Look at the cuboid below.



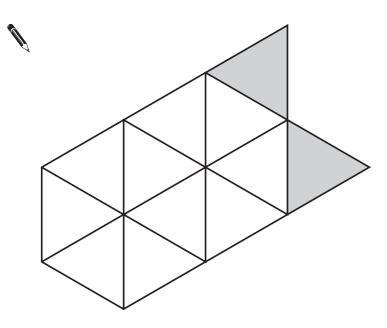
Draw **two** more faces to complete the net of the cuboid.







Shade **more** triangles on this shape so that $\frac{1}{3}$ is shaded.



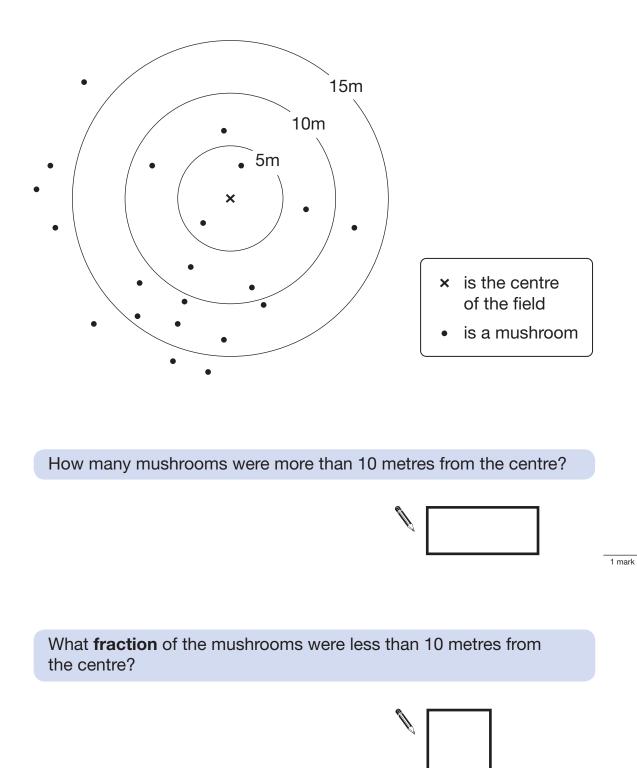
10b

1 mark



Class 6 did a survey of mushrooms growing in a field.

The diagram shows the distances of mushrooms from the centre of the field.



1 mark

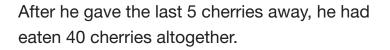
11a

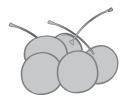


Seb had some cherries.

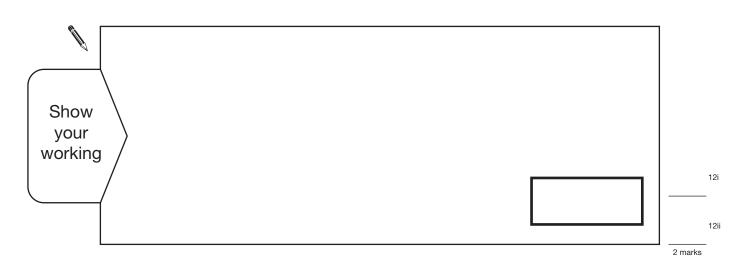
12

Every day he ate 10 cherries and gave 5 away.

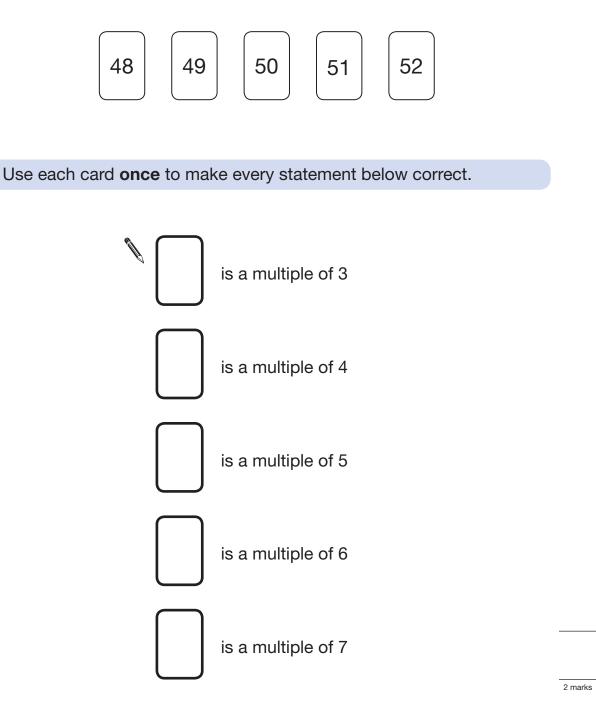




How many cherries did Seb have at the start?



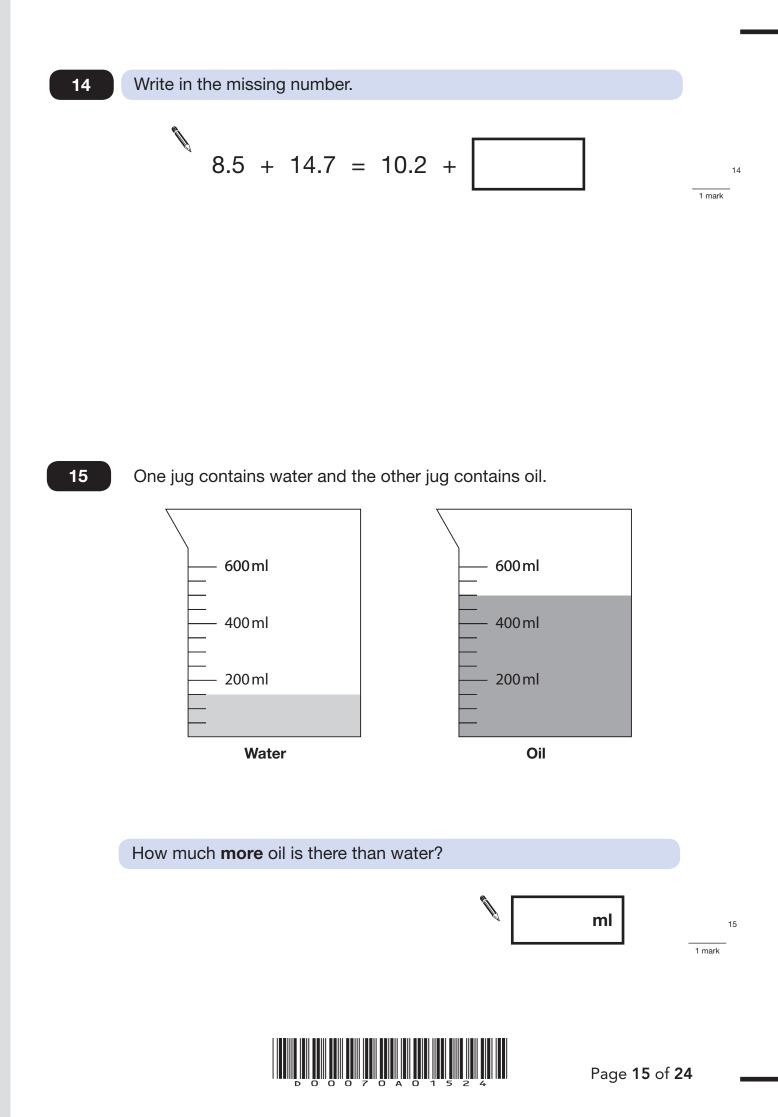


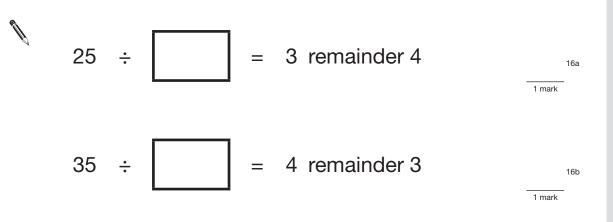


13i

13ii



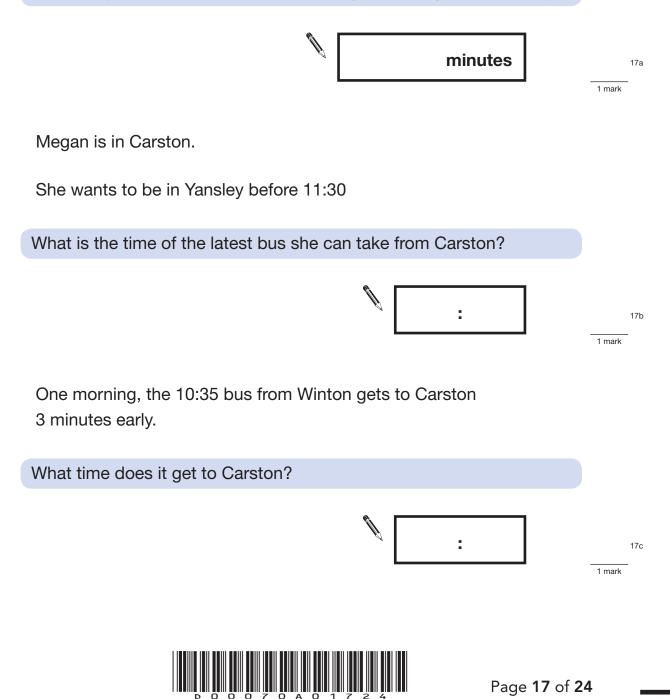


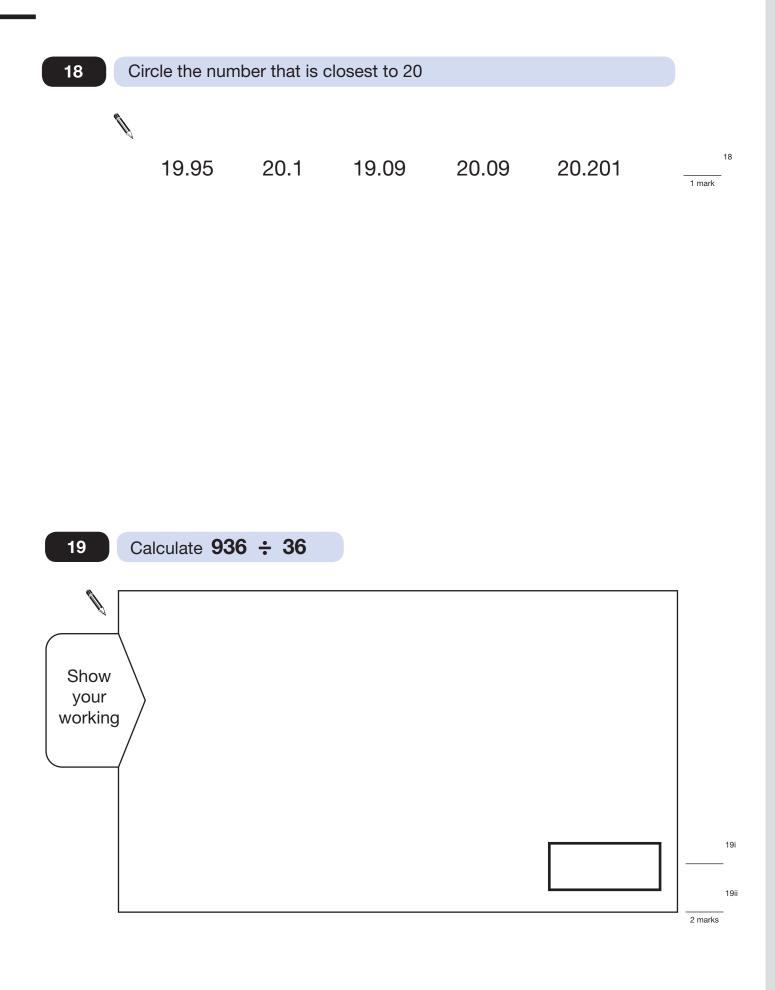




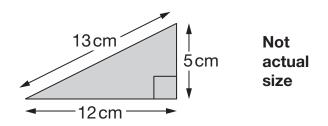
Winton	9:35	9:55	10:15	10:35
Ingham	9:45	10:05	10:25	10:45
Carston	10:01	10:21	10:41	11:01
Dubley	10:23	10:43	11:03	11:23
Yansley	10:55	11:15	11:35	11:55

How many minutes does the bus take to get from Ingham to Dubley?

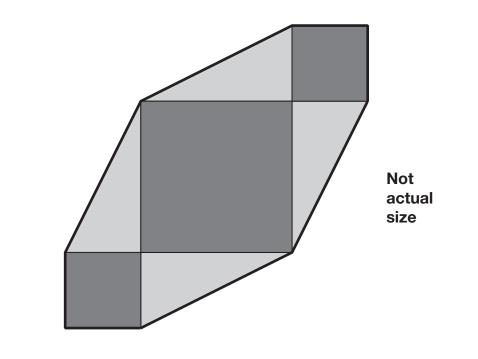


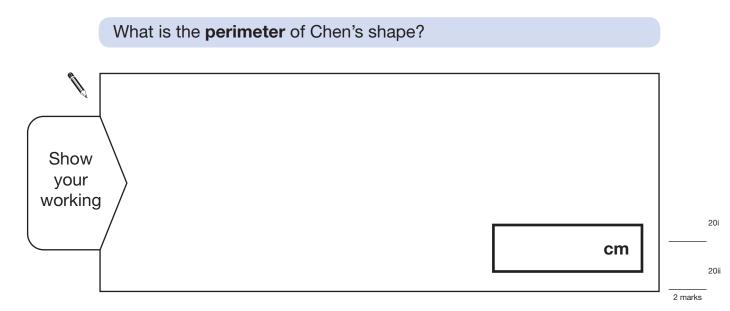




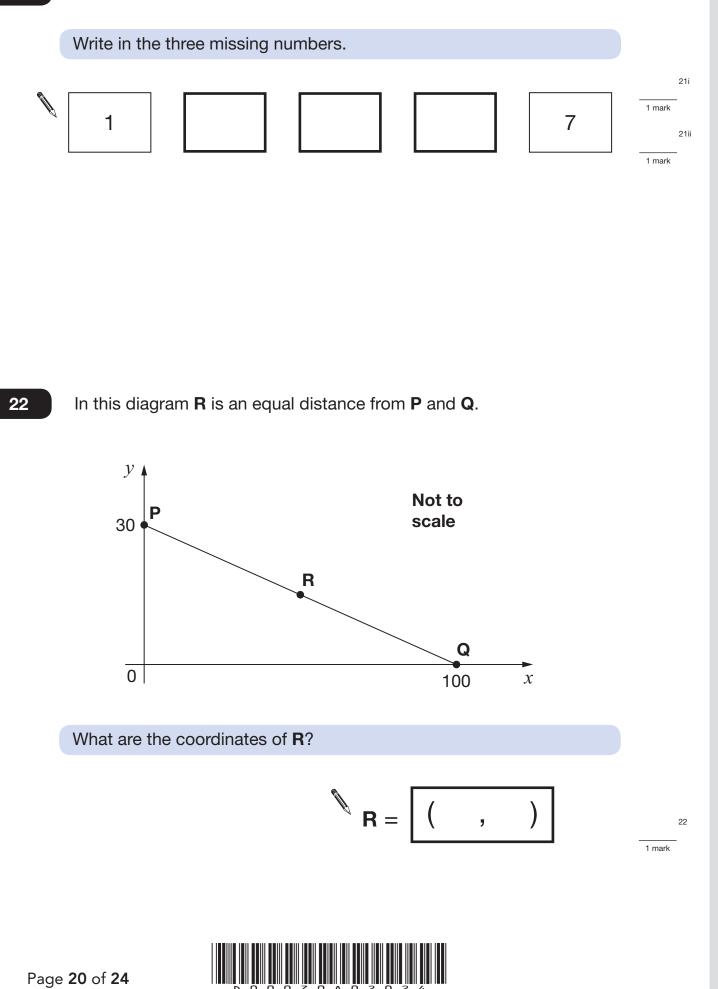


He makes this shape with four of his triangular tiles and three square tiles.









Page **20** of **24**

Megan and Chen each have a bag of counters.

Megan's bag has **5** blue counters and **5** green counters.

Chen's bag has **10** blue counters, **5** green counters and **5** red counters.



Megan's bag



Chen's bag

They each take a counter from their bag without looking.

Chen says,

'I am more likely than Megan to take a blue counter.'

Is Chen correct? Circle **Yes** or **No**.

Yes / No

Explain how you know.



[END OF TEST]

Please do not write on this page.



[BLANK PAGE]

Please do not write on this page.





2015 key stage 2 levels 3–5 mathematics test: paper 2 - calculator not allowed Print version product code: STA/15/7214/p ISBN: 978-1-78315-416-6 Electronic PDF version product code: STA/15/7214/e ISBN: 978-1-78315-444-9

For more copies

Additional printed copies of this booklet are not available. It can be downloaded from www.gov.uk/government/publications from Tuesday 7 July.

© Crown copyright and Crown information 2015

Re-use of Crown copyright and Crown information in test materials

Subject to the exceptions listed below, the test materials on this website are Crown copyright or Crown information and you may re-use them (not including logos) free of charge in any format or medium in accordance with the terms of the Open Government Licence v3.0 which can be found on the National Archives website and accessed via the following link: www.nationalarchives.gov.uk/doc/open-government-licence. When you use this information under the Open Government Licence v3.0, you should include the following attribution: "Contains public sector information licensed under the Open Government Licence v3.0," and where possible provide a link to the licence.



Exceptions - third party copyright content in test materials

You must obtain permission from the relevant copyright owners, as listed in the '2015 key stage 2 test materials copyright report', for re-use of any third party copyright content which we have identified in the test materials, as listed below. Alternatively you should remove the unlicensed third party copyright content and/or replace it with appropriately licensed material.

Third party content

These materials contain no third party copyright content.

If you have any queries regarding these test materials contact the national curriculum assessments helpline on 0300 303 3013 or email assessments@education.gov.uk.

